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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/016,221	10/30/2001	Mukesh Sundaram	003924.P005	2997

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CENTRAL COAST PATENT AGENCY  
PO BOX 187  
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EXAMINER
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PEACHES, RANDY

ART UNIT	PAPER NUMBER
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2686

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DATE MAILED: 07/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/016,221

Applicant(s)

SUNDARAM ET AL.

Examiner

Randy Peaches

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4/3-04-03.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

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## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this

Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

1. ***Claims 1-23*** are rejected under 35 U.S.C. 102(b) as being anticipated by Kennedy, III et al. (U.S. Patent Number 5,734,981).

Regarding ***claims 1, 9 and 15***, Kennedy, III et al. discloses a method of a call delivery, which reads on claimed "call management", in a system having a wireless network, comprising:

- receiving and directing a notification of call data, the notification received through a first wireless path via the data communication network (20).  
See column 3 lines 19-25, 40-49 and column 8 lines 1-10, respectively and FIGURE 1;
- selecting and responding to receipt of the call data. See column 6 lines 1-5 and column 8 lines 1-5, respectively; and
- establishing a call connection based on the selection, the call connection established through a second wireless path via a mobile voice

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communication network (20), the second wireless path different than the first wireless path. See column 8 lines 1-5.

Regarding **claims 2 and 16**, according to **claims 1 and 15**, Kennedy III et al. continues, wherein selecting comprises selecting receipt of the call connection data at a time when the notification is received. See column 8 lines 1-6, 11-21.

Regarding **claims 3 and 17**, according to **claims 1 and 15**, Kennedy III et al. continues, wherein selecting the call connection data comprises retrieving the call data from a previously stored location at a time after the notification is received. See column 8 lines 1-6 and 11-21.

Regarding **claims 4 and 18**, according to **claims 1 and 15**, Kennedy III et al. continues, wherein the call connection is established in response to only a single action being performed. See column 8 lines 11-21.

Regarding **claim 5**, according to **claim 1**, Kennedy, III et al. discloses wherein establishing the call connection comprises:

- transmitting a signal through the first wireless path. See column 8 lines 6-11; and
- transmitting the call delivery information, which reads on claimed "call data" through the second wireless path. See column 3 lines 40-62.

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Regarding **claim 6**, according to **claim 1**, Kennedy III et al. continues, wherein the first wireless path includes a Data Communication Network (16), which reads on claimed "Internet Protocol network". See column 3 lines 20-30.

Regarding **claim 7**, according to **claim 1**, Kennedy III et al. continues, wherein the second wireless path includes a platform (18), which reads on claimed "call center network" See FIGURE 1.

Regarding **claims 8 and 10**, according to **claims 1 and 9**, Kennedy III et al. continues, wherein the first wireless path includes a long distance telephony network. See column 6 lines 6-56.

Regarding **claim 11**, according to **claim 10**, Kennedy III et al. continues, wherein the second wireless path includes a MTSO (48), which reads on claimed "call center network" See FIGURE 1.

Regarding **claim 12**, according to **claim 11**, Kennedy III et al. continues, wherein the second wireless path comprises a platform (18), which reads on claimed "point-of-presence call center gateway". See FIGURE 1.

Regarding **claim 13**, according to **claim 12**, Kennedy III et al. continues in column 8 lines 1-10, wherein establishing the call comprises:

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- transmitting a signal from the remote user to the said platform (18), which reads on claimed "call center", through the first wireless path; and
- transmitting voice data from the said platform (18) to the remote user through the second wireless path.

Regarding **claim 14**, according to **claim 13**, Kennedy III et al. continues, wherein the first wireless path includes a Data Communication Network (16), which reads on claimed "Internet Protocol network". See column 3 lines 20-30.

Regarding **claim 19**, Kennedy III et al. discloses in column 7 lines 49-67 and column 8 lines 1-20, respectively, a method of call handling, comprising:

- directing notification of a call from a said platform (18) to a remote user through a first network; See column
- receiving a request to transmit the call to the remote user, the request received by the said platform (18); and
- responding to the request by directing the call to the remote user via a second network.

Regarding **claim 20**, according to **claim 19**, Kennedy III et al. continues, wherein the first wireless path includes a long distance telephony network. See column 6 lines 6-56.

Regarding **claim 21**, according to **claim 19**, Kennedy III et al. continues wherein the call is directed without the intervention of a person. See column 7 lines 49-53.

Regarding **claim 22**, Kennedy III et al. discloses a system, comprising:

- a first wired network to carry call data. See column 6 lines 7-10;
- a second wired network to carry call availability data. See column 6 lines 15-22;
- a wireless network coupled to the first and the second wired networks.  
See FIGURE 1 and;
- a said platform (18) coupled to the first and the second wired networks, the said platform (18) to transmit the call data and the call availability data.  
See column 6 lines 43-56.

Regarding **claim 23**, according to **claim 22**, Kennedy III et al. discloses a system further comprising:

- a wireless unit coupled to the wireless network to receive the call data and the call availability data; See FIGURE 1
- a MTSO (48), which reads on claimed "first gateway", coupled between the wireless network and the first wired network. See FIGURE 1; and
- a switch (48), which reads on claimed "second gateway", coupled between the wireless network and the second wired network.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. ***Claim 24*** is rejected under 35 U.S.C. 103(a) as being unpatentable over Kennedy, III et al. (U.S. Patent Number 5,734,981) in view of Uppaluru et al. (U.S. Patent Number 6, 011,844).

Regarding ***claim 24***, according to ***claim 23***, Kennedy III et al. discloses a system further comprising:

- a wireless unit coupled to the wireless network to receive the call data and the call availability data; See FIGURE 1
- a MTSO (48), which reads on claimed "first gateway", coupled between the wireless network and the first wired network. See FIGURE 1; and
- a switch (48), which reads on claimed "second gateway", coupled between the wireless network and the second wired network.



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However, Kennedy III et al. does not disclose wherein the first wired network is a long distance telephone network and wherein the second wired network is a private call center network.

Uppaluru et al. teaches in column 4 lines 2-5, of a local PSTN (106) and a long distance Network (114).

Hence, at the time of the invention it would have been obvious to a person of ordinary skill in the art to modify the teachings of Kennedy, III et al. (U.S. Patent Number 5,734,981) to include Uppaluru et al. (U.S. Patent Number 6, 011,844) in order to provide a system which is capable of directing a call from a wired telephone unit, via a long distance network or a private network, to a corresponding mobile terminal located in a mobile communication network.

### ***Conclusion***


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Randy Peaches whose telephone number is (703) 305-8993. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha D. Banks-Harold can be reached on (703) 305-4379. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Randy Peaches  
July 4, 2002

  
**CHARLES APPIAH**  
**PRIMARY EXAMINER**